


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER NBU 1022-7C4BS							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT NATURAL BUTTES							
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES							
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.						7. OPERATOR PHONE 720 929-6515							
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217						9. OPERATOR E-MAIL julie.jacobson@anadarko.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML 23609				11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>		12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')				18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		1055 FNL 2073 FWL		NENW		7		10.0 S		22.0 E		S	
Top of Uppermost Producing Zone		743 FNL 1976 FWL		NENW		7		10.0 S		22.0 E		S	
At Total Depth		743 FNL 1976 FWL		NENW		7		10.0 S		22.0 E		S	
21. COUNTY UINTAH				22. DISTANCE TO NEAREST LEASE LINE (Feet) 743				23. NUMBER OF ACRES IN DRILLING UNIT 294					
				25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 377				26. PROPOSED DEPTH MD: 9224 TVD: 9202					
27. ELEVATION - GROUND LEVEL 5163				28. BOND NUMBER 22013542				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Permit #43-8496					
Hole, Casing, and Cement Information													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
Surf	11	8.625	0 - 2400	28.0	J-55 LT&C	0.2	Type V		180	1.15	15.8		
							Class G		270	1.15	15.8		
Prod	7.875	4.5	0 - 9224	11.6	I-80 Buttress	12.0	Premium Lite High Strength		290	3.38	11.0		
							50/50 Poz		1010	1.31	14.3		
ATTACHMENTS													
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER							<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)							<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Andy Lytle				TITLE Regulatory Analyst				PHONE 720 929-6100					
SIGNATURE				DATE 12/28/2010				EMAIL andrew.lytle@anadarko.com					
API NUMBER ASSIGNED 43047514350000				APPROVAL  Permit Manager									

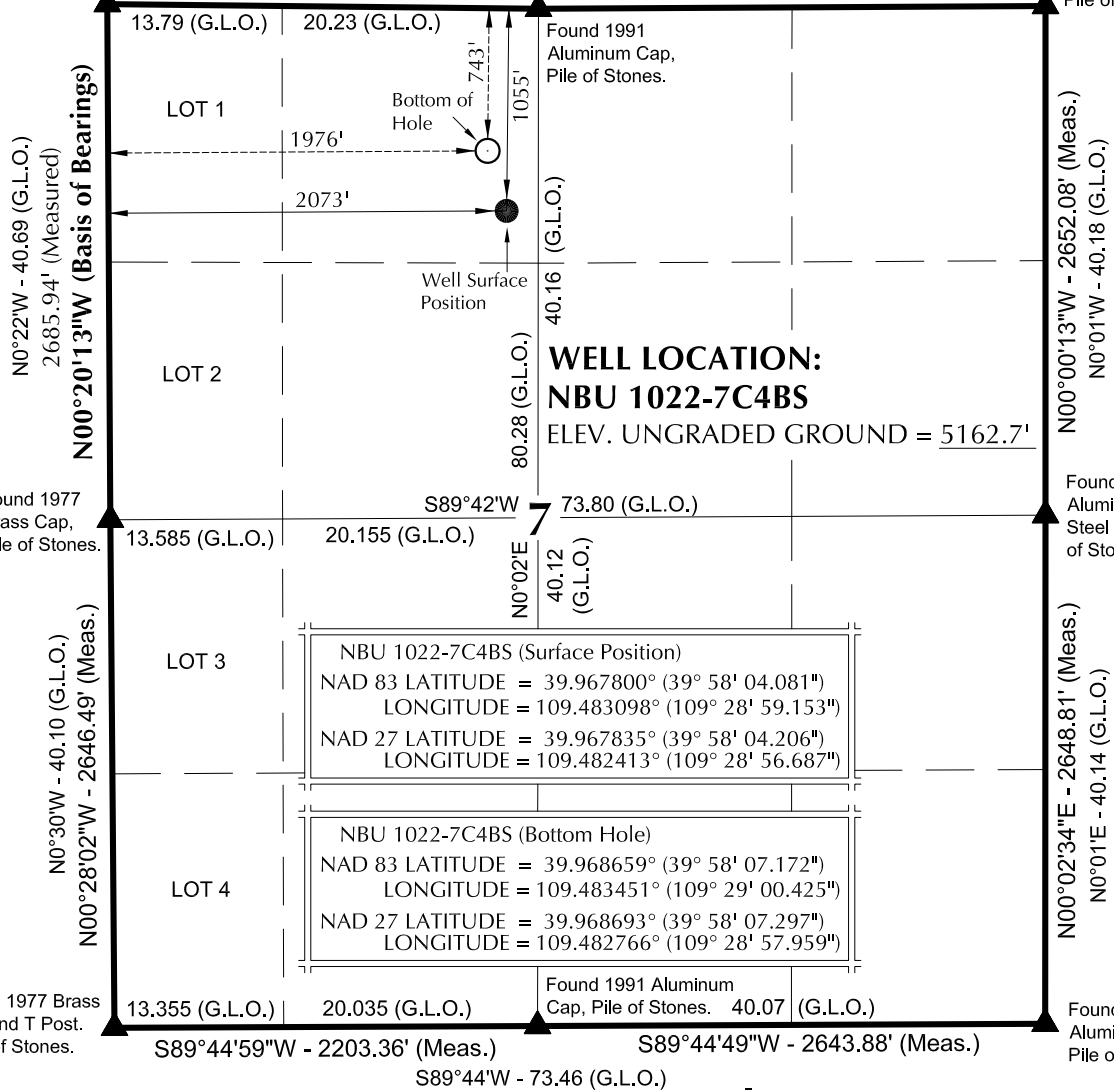
T10S, R22E, S.L.B.&M.

Found 1977 Brass
Cap in Pile of Stones.
Fence Post South of
Cap.

N89°24'W - 34.02 (G.L.O.)
N89°22'54"W - 2245.54' (Meas.)

S89°40'W - 40.02 (G.L.O.)
S89°41'37"W - 2641.02' (Meas.)

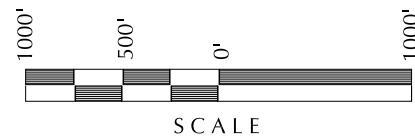
Found 1991
Aluminum Cap,
Pile of Stones



NOTES:

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
- The Bottom of hole bears N17°34'01"W 328.13' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD: NBU 1022-7C

NBU 1022-7C4BS
WELL PLAT

743' FNL, 1976' FWL (Bottom Hole)
NE $\frac{1}{4}$ NW $\frac{1}{4}$ OF SECTION 7, T10S, R22E,
S.L.B.&M., UTAH COUNTY, UTAH.



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Sheridan WY 82801
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Fax 307-674-0182

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 10-21-10	SURVEYED BY: M.S.B.	SHEET NO:
DATE DRAWN: 10-27-10	DRAWN BY: B.M.	3
SCALE: 1" = 1000'	Date Last Revised: 12-14-10 M.W.W.	3 OF 18